Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021820\
Data File : BG044482.D
Acq On : 18 Feb 2020 21:17
Operator : CG/JU
Sample : PB126892BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126892BS

Manual Integrations APPROVED
mohammad
2/20/2020 8:57:33 AM

Quant Time: Feb 19 02:14:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	68930	20.00	ng		-0.01
21) Naphthalene-d8	10.70	136	287298	20.00	ng		0.00
39) Acenaphthene-d10	14.53	164	184925	20.00	ng		-0.01
64) Phenanthrene-d10	17.28	188	424294	20.00	ng		-0.01
76) Chrysene-d12	21.52	240	412159	20.00	ng		-0.01
87) Perylene-d12	24.61	264	300962	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	482061	123.42	ng		0.00
7) Phenol-d6	7.07	99	656272	125.13	ng		0.00
23) Nitrobenzene-d5	9.05	82	373680	73.43	ng		-0.01
42) 2,4,6-Tribromophenol	16.03	330	280568	129.24	ng		0.00
45) 2-Fluorobiphenyl	13.16	172	894728	81.02	ng		0.00
79) Terphenyl-d14	19.90	244	1395806	69.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	58433	33.299	ng		98
3) Pyridine	3.75	79	144737	30.958	ng		99
4) n-Nitrosodimethylamine	3.66	42	70446	36.059	ng		97
6) Aniline	7.22	93	107412	16.499	ng		99
8) 2-Chlorophenol	7.46	128	174863	40.737	ng		99
9) Benzaldehyde	7.04	77	725	0.243	ng	#	74
10) Phenol	7.10	94	214964	41.414	ng		99
11) bis(2-Chloroethyl)ether	7.31	93	162408	36.598	ng		95
12) 1,3-Dichlorobenzene	7.78	146	189945	37.062	ng		98
13) 1,4-Dichlorobenzene	7.93	146	192561	37.935	ng		99
14) 1,2-Dichlorobenzene	8.25	146	181017	37.728	ng		99
15) Benzyl Alcohol	8.13	79	145718	39.243	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.42	45	221030	36.800	ng		99
17) 2-Methylphenol	8.35	107	149488	40.365	ng		97
18) Hexachloroethane	8.97	117	69241	36.350	ng		99
19) n-Nitroso-di-n-propylamine	8.70	70	123996	35.474	ng		99
20) 3+4-Methylphenols	8.68	107	206595	40.478	ng		99
22) Acetophenone	8.71	105	246990	35.339	ng		99
24) Nitrobenzene	9.09	77	183928	37.023	ng		98
25) Isophorone	9.62	82	349492	36.847	ng		99
26) 2-Nitrophenol	9.80	139	103693	40.225	ng		100
27) 2,4-Dimethylphenol	9.87	122	162877	44.760	ng		99
28) bis(2-Chloroethoxy)methane	10.10	93	219996	34.769	ng		99
29) 2,4-Dichlorophenol	10.35	162	179444	40.783	ng		99
30) 1,2,4-Trichlorobenzene	10.56	180	191051	37.867	ng		99
31) Naphthalene	10.74	128	548225	39.331	ng		99
32) Benzoic acid	10.03	122	53425m	29.880	ng		
33) 4-Chloroaniline	10.85	127	123237	19.440	ng		97
34) Hexachlorobutadiene	11.04	225	108993	35.108	ng		98
35) Caprolactam	11.62	113	68178m	42.299	ng		
36) 4-Chloro-3-methylphenol	11.99	107	195013	42.273	ng		98
37) 2-Methylnaphthalene	12.35	142	418459	40.434	ng		98
38) 1-Methylnaphthalene	12.58	142	397171	40.706	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.73	216	221566	40.054	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.71	237	43994	16.575	ng		98
43) 2,4,6-Trichlorophenol	12.97	196	151916	42.487	ng		97
44) 2,4,5-Trichlorophenol	13.05	196	162421	44.474	ng		98
46) 1,1'-Biphenyl	13.36	154	533712	40.012	ng		100
47) 2-Chloronaphthalene	13.41	162	426332	40.165	ng		99
48) 2-Nitroaniline	13.61	65	123388	39.389	ng		96
49) Acenaphthylene	14.26	152	663103	42.593	ng		99
50) Dimethylphthalate	13.99	163	509720	38.345	ng		99
51) 2,6-Dinitrotoluene	14.10	165	120633	40.701	ng		100
52) Acenaphthene	14.60	154	415128	41.138	ng		98
53) 3-Nitroaniline	14.43	138	104561	31.887	ng		98
54) 2,4-Dinitrophenol	14.65	184	70499	43.941	ng		99
55) Dibenzofuran	14.93	168	658174	43.079	ng		98
56) 4-Nitrophenol	14.76	139	211338	87.986	ng		97
57) 2,4-Dinitrotoluene	14.90	165	176741	42.546	ng		99
58) Fluorene	15.58	166	525111	43.637	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.17	232	150335	45.573	ng		97
60) Diethylphthalate	15.36	149	535788	40.451	ng		99
61) 4-Chlorophenyl-phenylether	15.57	204	271362	41.590	ng		98
62) 4-Nitroaniline	15.60	138	130722	39.896	ng		96
63) Azobenzene	15.87	77	487523	41.996	ng		98
65) 4,6-Dinitro-2-methylphenol	15.67	198	66681	28.471	ng		99
66) n-Nitrosodiphenylamine	15.79	169	481194	40.469	ng		100
67) 4-Bromophenyl-phenylether	16.47	248	178525	38.620	ng		98
68) Hexachlorobenzene	16.60	284	198647	38.357	ng		98
69) Atrazine	16.74	200	88309	21.668	ng		96
70) Pentachlorophenol	16.94	266	305291	115.136	ng		99
71) Phenanthrene	17.32	178	837812	40.778	ng		98
72) Anthracene	17.41	178	826294	40.678	ng		98
73) Carbazole	17.68	167	775198	41.397	ng		100
74) Di-n-butylphthalate	18.25	149	962301	41.584	ng		98
75) Fluoranthene	19.33	202	973798	40.972	ng		99
77) Benzidine	19.51	184	160973	14.081	ng		96
78) Pyrene	19.69	202	977406	36.926	ng		99
80) Butylbenzylphthalate	20.58	149	437277	36.252	ng		98
81) Benzo(a)anthracene	21.51	228	935083	36.812	ng		99
82) 3,3'-Dichlorobenzidine	21.42	252	313051	31.754	ng		100
83) Chrysene	21.57	228	891948	36.327	ng		98
84) Bis(2-ethylhexyl)phthalate	21.42	149	603904	36.374	ng		99
85) Di-n-octyl phthalate	22.59	149	1070230	37.256	ng		100
86) Indeno(1,2,3-cd)pyrene	28.11	276	1071164	33.439	ng	#	76
88) Benzo(b)fluoranthene	23.64	252	984428	56.764	ng		99
89) Benzo(k)fluoranthene	23.70	252	962639	56.952	ng		99
90) Benzo(a)pyrene	24.47	252	948076	57.820	ng		99
91) Dibenzo(a,h)anthracene	28.16	278	947046	58.360	ng		99
92) Benzo(g,h,i)perylene	29.20	276	801027	49.309	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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